

 **Sterne Kessler  
Goldstein Fox**  
ATTORNEYS AT LAW



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbalà  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Lawrence B. Bugaisky  
Donald J. Featherstone  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Jeffery T. Hevey  
Heidi L. Kraus  
Crystal D. Sayles  
Edward W. Yeo  
Albert L. Ferro  
Donald R. Banowit  
Peter A. Jackman  
Molly A. McCall  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Albert J. Fasulo II  
Eldora Ellison Floyd  
W. Russell Swindell

Thomas C. Fiala  
Brian J. Del Buono  
Virgil Lee Beaston  
Reginald D. Lucas  
Kimberly N. Reddick  
Theodore A. Wood  
Elizabeth J. Haanes  
Bruce E. Chalker  
Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Lhulier  
Rae Lynn Prengaman  
Jane Shershenovich  
Lawrence J. Carroll  
George S. Bardmesser  
Rodney G. Maze

**Registered Patent Agents\***  
Karen R. Markowicz  
Andrea J. Kamage  
Nancy J. Leith  
Ann E. Summerfield  
Helene C. Carlson  
Gaby L. Longsworth  
Matthew J. Dowd  
Aaron L. Schwartz  
Angelique G. Uy  
Boris A. Matvenko  
Mary B. Tung  
Katrina Y. Pei  
Bryan L. Skelton  
Robert A. Schwartzman  
Jason D. Eisenberg  
John J. Figueroa

**Senior Counsel**  
Samuel L. Fox  
Kenneth C. Bass III  
Lisa A. Dunner

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Admitted only in Texas  
\*Practice Limited to  
Federal Agencies

August 8, 2002

**RECEIVED**

AUG 13 2002

**TECH CENTER 1600/2900**

Commissioner for Patents  
Washington, D.C. 20231

**WRITER'S DIRECT NUMBER:**  
(202) 371-2626

**INTERNET ADDRESS:**  
SLUDWIG@SKGF.COM

**Group Art Unit 1647**

Re: U.S. Utility Patent Application  
Appl. No. 09/447,800; Filed: November 23, 1999  
For: **Amino-Terminal Modified Parathyroid Hormone (PTH)**  
Inventors: Bringhurst *et al.*  
Our Ref: 0609.4630001/SRL/M-G

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1);
3. Amendment and Reply Under 37 C.F.R. § 1.111;
4. Our Check No. 36168 in the amount of \$110.00 to cover the extension for response within one month fee (37 C.F.R. § 1.17(a)(1)); and
5. One (1) return postcard.

C

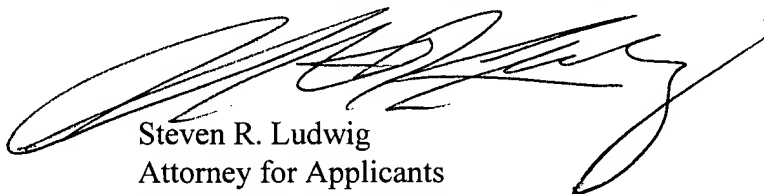
Commissioner for Patents  
August 8, 2002  
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

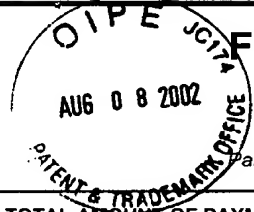
A handwritten signature in black ink, appearing to read 'Steven R. Ludwig', is written over the printed name and title.

Steven R. Ludwig  
Attorney for Applicants  
Registration No. 36,203

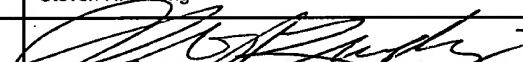
Enclosures

SKGF\_DC1:42793.1

C

 <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="font-size: small;">Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>	
		Application Number	09/447,800
		Filing Date	November 23, 1999
		First Named Inventor	F. Richard Bringhurst
		Examiner Name	Wegert, S.
		Group Art Unit	1647
Attorney Docket No.		0609.4630001/SRL/M-G	
TOTAL AMOUNT OF PAYMENT		(\$ ) 110.00	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																								
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number: 19-0036</p> <p>Deposit Account Name: Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other*</p> <p><small>*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.</small></p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td></td><td></td><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td></td><td></td><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td></td><td></td><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td></td><td></td><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td></td><td></td><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td></td><td></td><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>110.00</td></tr> <tr><td></td><td></td><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td></td><td></td><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td></td><td></td><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td></td><td></td><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td></td><td></td><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td></td><td></td><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td></td><td></td><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td></td><td></td><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td></td><td></td><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td></td><td></td><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td></td><td></td><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td></td><td></td><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td></td><td></td><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td></td><td></td><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td></td><td></td><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td></td><td></td><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td></td><td></td><td>581</td><td>40</td><td>481</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td></td><td></td><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td></td><td></td><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td></td><td></td><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td></td><td></td><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (specify): _____</p> <p>Other fee (specify): _____</p> <p>*Reduced by Basic Filing Fee Paid</p>	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid			105	130	205	65	Surcharge - late filing fee or oath				127	50	227	25	Surcharge - late provisional filing fee or cover sheet				139	130	139	130	Non-English specification				147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination				112	920*	112	920*	Requesting publication of SIR prior to Examiner action				113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action				115	110	215	55	Extension for reply within first month	110.00			116	400	216	200	Extension for reply within second month				117	920	217	460	Extension for reply within third month				118	1,440	218	720	Extension for reply within fourth month				128	1,960	228	980	Extension for reply within fifth month				119	320	219	160	Notice of Appeal				120	320	220	160	Filing a brief in support of an appeal				121	280	221	140	Request for oral hearing				138	1,510	138	1,510	Petition to institute a public use proceeding				140	110	240	55	Petition to revive - unavoidable				141	1,280	241	640	Petition to revive - unintentional				142	1,280	242	640	Utility issue fee (or reissue)				143	460	243	230	Design issue fee				144	620	244	310	Plant issue fee				122	130	122	130	Petitions to the Commissioner				123	130	123	130	Petitions related to provisional applications				126	180	126	180	Submission of Information Disclosure Stmt				581	40	481	40	Recording each patent assignment per property (times number of properties)				146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))				149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))				179	740	279	370	Request for Continued Examination (RCE)				169	900	169	900	Request for expedited examination of a design application	
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee paid																																																																																																																																																																																																																																		
		105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																			
		127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																			
		139	130	139	130	Non-English specification																																																																																																																																																																																																																																			
		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																			
		112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																			
		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																			
		115	110	215	55	Extension for reply within first month	110.00																																																																																																																																																																																																																																		
		116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																			
		117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																																			
		118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																																			
		128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																																																			
		119	320	219	160	Notice of Appeal																																																																																																																																																																																																																																			
		120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																			
		121	280	221	140	Request for oral hearing																																																																																																																																																																																																																																			
		138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																			
		140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																			
		141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																																																																			
		142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																																			
		143	460	243	230	Design issue fee																																																																																																																																																																																																																																			
		144	620	244	310	Plant issue fee																																																																																																																																																																																																																																			
		122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																			
		123	130	123	130	Petitions related to provisional applications																																																																																																																																																																																																																																			
		126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																			
		581	40	481	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																			
		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																			
		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																			
		179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																			
		169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																			
<p><b>FEE CALCULATION</b></p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1) (\$)</b></td><td>0.00</td></tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims _____ - 20** = _____ X _____ = _____</td> <td></td> <td></td> </tr> <tr> <td>Indep. Claims _____ - 3** = _____ X _____ = _____</td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent _____ = _____</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>108</td><td>84</td><td>209</td><td>42</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5"><b>SUBTOTAL (2) (\$)</b></td><td>0.00</td></tr> </tbody> </table> <p><small>** or number previously paid, if greater; For Reissues, see above</small></p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		<b>SUBTOTAL (1) (\$)</b>					0.00	Extra	Fee from below	Fee Paid	Total Claims _____ - 20** = _____ X _____ = _____			Indep. Claims _____ - 3** = _____ X _____ = _____			Multiple Dependent _____ = _____			Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	108	84	209	42	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2) (\$)</b>					0.00	<p><b>SUBTOTAL (3) (\$)</b> 110.00</p>																																																																																																																																														
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																				
101	740	201	370	Utility filing fee																																																																																																																																																																																																																																					
106	330	206	165	Design filing fee																																																																																																																																																																																																																																					
107	510	207	255	Plant filing fee																																																																																																																																																																																																																																					
108	740	208	370	Reissue filing fee																																																																																																																																																																																																																																					
114	160	214	80	Provisional filing fee																																																																																																																																																																																																																																					
<b>SUBTOTAL (1) (\$)</b>					0.00																																																																																																																																																																																																																																				
Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																							
Total Claims _____ - 20** = _____ X _____ = _____																																																																																																																																																																																																																																									
Indep. Claims _____ - 3** = _____ X _____ = _____																																																																																																																																																																																																																																									
Multiple Dependent _____ = _____																																																																																																																																																																																																																																									
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																					
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																					
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																																																																					
104	280	204	140	Multiple dependent claim																																																																																																																																																																																																																																					
108	84	209	42	**Reissue independent claims over original patent																																																																																																																																																																																																																																					
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																					
<b>SUBTOTAL (2) (\$)</b>					0.00																																																																																																																																																																																																																																				

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Steven R. Ludwig	Registration No. (Attorney/Agent)	36,203	Telephone	202-371-2600
Signature		Date	8/8/02		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**